

LTE Band 4

		UL Korea, Ltd Suwon Laboratory Above 1GHz High Frequency Substitution Measurement							
		Company: Samsung Project #: 15K22555 Date: 01-12-16 Test Engineer: Steven Kim Configuration: EUT / AC Adapter / Ear Phone / X-Position Mode: TX, LTE BAND 4, 20MHz BW, QPSK							
		Chamber Chamber 2		Pre-amplifier AFS42		Filter Filter 1		Limit FCC Part 27	
f GHz	SGreading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Channel (1720MHz)									
3.4400	-16.2	V	3.0	40.2	1.0	-55.4	-13.0	-42.4	
5.1600	-5.7	V	3.0	40.9	1.0	-45.6	-13.0	-32.6	
6.8800	3.8	V	3.0	41.0	1.0	-36.1	-13.0	-23.1	
3.4400	-16.4	H	3.0	40.2	1.0	-55.6	-13.0	-42.6	
5.1600	-3.3	H	3.0	40.9	1.0	-43.2	-13.0	-30.2	
6.8800	1.5	H	3.0	41.0	1.0	-38.5	-13.0	-25.5	
Mid Channel (1732.5MHz)									
3.4650	-17.0	V	3.0	40.3	1.0	-56.3	-13.0	-43.3	
5.1975	-1.2	V	3.0	40.9	1.0	-41.1	-13.0	-28.1	
6.9300	5.1	V	3.0	41.0	1.0	-34.9	-13.0	-21.9	
3.4650	-17.4	H	3.0	40.3	1.0	-56.7	-13.0	-43.7	
5.1975	-1.3	H	3.0	40.9	1.0	-41.2	-13.0	-28.2	
6.9300	4.3	H	3.0	41.0	1.0	-35.7	-13.0	-22.7	
High Channel (1745MHz)									
3.4900	-15.8	V	3.0	40.3	1.0	-55.1	-13.0	-42.1	
5.2350	-1.8	V	3.0	40.9	1.0	-41.7	-13.0	-28.7	
6.9800	3.1	V	3.0	41.0	1.0	-36.9	-13.0	-23.9	
3.4900	-16.2	H	3.0	40.3	1.0	-55.5	-13.0	-42.5	
5.2350	-1.7	H	3.0	40.9	1.0	-41.6	-13.0	-28.6	
6.9800	3.3	H	3.0	41.0	1.0	-36.7	-13.0	-23.7	
Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.									
		UL Korea, Ltd Suwon Laboratory Above 1GHz High Frequency Substitution Measurement							
		Company: Samsung Project #: 15K22555 Date: 01-12-16 Test Engineer: Steven Kim Configuration: EUT / AC Adapter / Ear Phone / X-Position Mode: TX, LTE BAND 4, 20MHz BW, 16QAM							
		Chamber Chamber 2		Pre-amplifier AFS42		Filter Filter 1		Limit FCC Part 27	
f GHz	SGreading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
Low Channel (1720MHz)									
3.4400	-18.2	V	3.0	40.2	1.0	-57.4	-13.0	-44.4	
5.1600	-7.3	V	3.0	40.9	1.0	-47.2	-13.0	-34.2	
6.8800	2.0	V	3.0	41.0	1.0	-38.0	-13.0	-25.0	
3.4400	-17.4	H	3.0	40.2	1.0	-56.6	-13.0	-43.6	
5.1600	-5.3	H	3.0	40.9	1.0	-45.2	-13.0	-32.2	
6.8800	-0.2	H	3.0	41.0	1.0	-40.2	-13.0	-27.2	
Mid Channel (1732.5MHz)									
3.4650	-17.9	V	3.0	40.3	1.0	-57.1	-13.0	-44.1	
5.1975	-3.6	V	3.0	40.9	1.0	-43.5	-13.0	-30.5	
6.9300	3.2	V	3.0	41.0	1.0	-36.8	-13.0	-23.8	
3.4650	-18.4	H	3.0	40.3	1.0	-57.7	-13.0	-44.7	
5.1975	-3.1	H	3.0	40.9	1.0	-43.0	-13.0	-30.0	
6.9300	2.6	H	3.0	41.0	1.0	-37.4	-13.0	-24.4	
High Channel (1745MHz)									
3.4900	-17.9	V	3.0	40.3	1.0	-57.2	-13.0	-44.2	
5.2350	-2.2	V	3.0	40.9	1.0	-42.1	-13.0	-29.1	
6.9800	1.0	V	3.0	41.0	1.0	-39.0	-13.0	-26.0	
3.4900	-16.6	H	3.0	40.3	1.0	-55.9	-13.0	-42.9	
5.2350	-3.3	H	3.0	40.9	1.0	-43.2	-13.0	-30.2	
6.9800	2.1	H	3.0	41.0	1.0	-37.9	-13.0	-24.9	
Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.									

		UL Korea, Ltd Suwon Laboratory Above 1GHz High Frequency Substitution Measurement									
LTE Band 4 15MHz QPSK	Company: Samsung Project #: 15K22555 Date: 01-12-16 Test Engineer: Steven Kim Configuration: EUT / AC Adapter / Ear Phone / X-Position Mode: TX, LTE BAND 4, 15MHz BW, QPSK	Chamber Chamber 2		Pre-amplifier AFS42		Filter Filter 1		Limit FCC Part 27			
	f GHz	SGreading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes	
	Low Channel (1717.5MHz)										
	3.4350	-16.5	V	3.0	40.2	1.0	-55.7	-13.0	-42.7		
	5.1525	-5.8	V	3.0	40.9	1.0	-45.7	-13.0	-32.7		
	6.8700	3.9	V	3.0	41.0	1.0	-36.1	-13.0	-23.1		
	3.4350	-16.6	H	3.0	40.2	1.0	-55.8	-13.0	-42.8		
	5.1525	-3.2	H	3.0	40.9	1.0	-43.1	-13.0	-30.1		
	6.8700	1.4	H	3.0	41.0	1.0	-38.6	-13.0	-25.6		
	Mid Channel (1732.5MHz)										
	3.4650	-17.1	V	3.0	40.3	1.0	-56.3	-13.0	-43.3		
	5.1975	-1.9	V	3.0	40.9	1.0	-41.8	-13.0	-28.8		
	6.9300	5.1	V	3.0	41.0	1.0	-34.9	-13.0	-21.9		
	3.4650	-18.0	H	3.0	40.3	1.0	-57.3	-13.0	-44.3		
	5.1975	-1.5	H	3.0	40.9	1.0	-41.4	-13.0	-28.4		
	6.9300	4.2	H	3.0	41.0	1.0	-35.8	-13.0	-22.8		
	High Channel (1747.5MHz)										
	3.4950	-15.9	V	3.0	40.3	1.0	-55.2	-13.0	-42.2		
	5.2425	-1.8	V	3.0	40.9	1.0	-41.7	-13.0	-28.7		
	6.9900	3.2	V	3.0	41.0	1.0	-36.8	-13.0	-23.8		
	3.4950	-16.3	H	3.0	40.3	1.0	-55.6	-13.0	-42.6		
	5.2425	-1.7	H	3.0	40.9	1.0	-41.6	-13.0	-28.6		
	6.9900	3.5	H	3.0	41.0	1.0	-36.5	-13.0	-23.5		
	Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.										
	LTE Band 4 15MHz 16QAM	Company: Samsung Project #: 15K22555 Date: 01-12-16 Test Engineer: Steven Kim Configuration: EUT / AC Adapter / Ear Phone / X-Position Mode: TX, LTE BAND 4, 15MHz BW, 16QAM	Chamber Chamber 2		Pre-amplifier AFS42		Filter Filter 1		Limit FCC Part 27		
f GHz		SGreading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes	
Low Channel (1717.5MHz)											
3.4350		-18.0	V	3.0	40.2	1.0	-57.2	-13.0	-44.2		
5.1525		-7.6	V	3.0	40.9	1.0	-47.4	-13.0	-34.4		
6.8700		1.9	V	3.0	41.0	1.0	-38.1	-13.0	-25.1		
3.4350		-17.6	H	3.0	40.2	1.0	-56.9	-13.0	-43.9		
5.1525		-5.9	H	3.0	40.9	1.0	-45.8	-13.0	-32.8		
6.8700		0.0	H	3.0	41.0	1.0	-40.0	-13.0	-27.0		
Mid Channel (1732.5MHz)											
3.4650		-18.1	V	3.0	40.3	1.0	-57.3	-13.0	-44.3		
5.1975		-3.3	V	3.0	40.9	1.0	-43.2	-13.0	-30.2		
6.9300		2.5	V	3.0	41.0	1.0	-37.5	-13.0	-24.5		
3.4650		-18.4	H	3.0	40.3	1.0	-57.7	-13.0	-44.7		
5.1975		-3.6	H	3.0	40.9	1.0	-43.5	-13.0	-30.5		
6.9300		3.0	H	3.0	41.0	1.0	-37.0	-13.0	-24.0		
High Channel (1747.5MHz)											
3.4950		-17.8	V	3.0	40.3	1.0	-57.1	-13.0	-44.1		
5.2425		-2.9	V	3.0	40.9	1.0	-42.7	-13.0	-29.7		
6.9900		1.1	V	3.0	41.0	1.0	-38.9	-13.0	-25.9		
3.4950		-16.2	H	3.0	40.3	1.0	-55.5	-13.0	-42.5		
5.2425		-3.2	H	3.0	40.9	1.0	-43.0	-13.0	-30.0		
6.9900		2.2	H	3.0	41.0	1.0	-37.8	-13.0	-24.8		
Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.											

		UL Korea, Ltd Suwon Laboratory Above 1GHz High Frequency Substitution Measurement									
LTE Band 4 10MHz QPSK	Company: Samsung Project #: 15K22555 Date: 01-12-16 Test Engineer: Steven Kim Configuration: EUT / AC Adapter / Ear Phone / X-Position Mode: TX, LTE BAND 4, 10MHz BW, QPSK	Chamber Chamber 2		Pre-amplifier AFS42		Filter Filter 1		Limit FCC Part 27			
	f GHz	SGreading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes	
	Low Channel (1715MHz)										
	3.4300	-16.3	V	3.0	40.2	1.0	-55.6	-13.0	-42.6		
	5.1450	-5.7	V	3.0	40.9	1.0	-45.6	-13.0	-32.6		
	6.8600	3.8	V	3.0	41.0	1.0	-36.2	-13.0	-23.2		
	3.4300	-16.5	H	3.0	40.2	1.0	-55.8	-13.0	-42.8		
	5.1450	-3.3	H	3.0	40.9	1.0	-43.2	-13.0	-30.2		
	6.8600	2.0	H	3.0	41.0	1.0	-38.0	-13.0	-25.0		
	Mid Channel (1732.5MHz)										
	3.4650	-17.2	V	3.0	40.3	1.0	-56.4	-13.0	-43.4		
	5.1975	-1.2	V	3.0	40.9	1.0	-41.1	-13.0	-28.1		
	6.9300	5.0	V	3.0	41.0	1.0	-35.0	-13.0	-22.0		
	3.4650	-17.4	H	3.0	40.3	1.0	-56.7	-13.0	-43.7		
	5.1975	-1.8	H	3.0	40.9	1.0	-41.7	-13.0	-28.7		
	6.9300	4.3	H	3.0	41.0	1.0	-35.7	-13.0	-22.7		
	High Channel (1750MHz)										
	3.5000	-15.7	V	3.0	40.3	1.0	-55.0	-13.0	-42.0		
	5.2500	-1.8	V	3.0	40.9	1.0	-41.7	-13.0	-28.7		
	7.0000	3.3	V	3.0	41.0	1.0	-36.7	-13.0	-23.7		
	3.5000	-16.4	H	3.0	40.3	1.0	-55.7	-13.0	-42.7		
	5.2500	-1.7	H	3.0	40.9	1.0	-41.6	-13.0	-28.6		
	7.0000	2.8	H	3.0	41.0	1.0	-37.2	-13.0	-24.2		
	Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.										
	LTE Band 4 10MHz 16QAM	Company: Samsung Project #: 15K22555 Date: 01-12-16 Test Engineer: Steven Kim Configuration: EUT / AC Adapter / Ear Phone / X-Position Mode: TX, LTE BAND 4, 10MHz BW, 16QAM	Chamber Chamber 2		Pre-amplifier AFS42		Filter Filter 1		Limit FCC Part 27		
f GHz		SGreading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes	
Low Channel (1715MHz)											
3.4300		-18.2	V	3.0	40.2	1.0	-57.5	-13.0	-44.5		
5.1450		-7.8	V	3.0	40.9	1.0	-47.7	-13.0	-34.7		
6.8600		1.6	V	3.0	41.0	1.0	-38.4	-13.0	-25.4		
3.4300		-17.4	H	3.0	40.2	1.0	-56.6	-13.0	-43.6		
5.1450		-5.3	H	3.0	40.9	1.0	-45.2	-13.0	-32.2		
6.8600		-0.1	H	3.0	41.0	1.0	-40.1	-13.0	-27.1		
Mid Channel (1732.5MHz)											
3.4650		-18.3	V	3.0	40.3	1.0	-57.6	-13.0	-44.6		
5.1975		-3.2	V	3.0	40.9	1.0	-43.1	-13.0	-30.1		
6.9300		3.1	V	3.0	41.0	1.0	-36.9	-13.0	-23.9		
3.4650		-19.0	H	3.0	40.3	1.0	-58.3	-13.0	-45.3		
5.1975		-3.2	H	3.0	40.9	1.0	-43.1	-13.0	-30.1		
6.9300		3.2	H	3.0	41.0	1.0	-36.8	-13.0	-23.8		
High Channel (1750MHz)											
3.5000		-17.9	V	3.0	40.3	1.0	-57.2	-13.0	-44.2		
5.2500		-2.1	V	3.0	40.9	1.0	-42.0	-13.0	-29.0		
7.0000		1.1	V	3.0	41.0	1.0	-38.9	-13.0	-25.9		
3.5000		-16.4	H	3.0	40.3	1.0	-55.7	-13.0	-42.7		
5.2500		-3.1	H	3.0	40.9	1.0	-43.0	-13.0	-30.0		
7.0000		1.8	H	3.0	41.0	1.0	-38.2	-13.0	-25.2		
Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.											

		UL Korea, Ltd Suwon Laboratory Above 1GHz High Frequency Substitution Measurement										
LTE Band 4 5MHz QPSK	Company:	Samsung										
	Project #:	15K22555										
	Date:	01-12-16										
	Test Engineer:	Steven Kim										
	Configuration:	EUT / AC Adapter / Ear Phone / X-Position										
	Mode:	TX, LTE BAND 4, 5MHz BW, QPSK										
			Chamber	Pre-amplifier	Filter	Limit						
			Chamber 2	AFS42	Filter 1	FCC Part 27						
			f GHz	SGreading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
			Low Channel (1712.5MHz)									
			3.4250	-16.5	V	3.0	40.2	1.0	-55.8	-13.0	-42.8	
			5.1375	-5.8	V	3.0	40.9	1.0	-45.7	-13.0	-32.7	
			6.5800	3.1	V	3.0	40.9	1.0	-36.8	-13.0	-23.8	
			3.4250	-16.5	H	3.0	40.2	1.0	-55.7	-13.0	-42.7	
			5.1375	-3.7	H	3.0	40.9	1.0	-43.6	-13.0	-30.6	
			6.5800	1.0	H	3.0	40.9	1.0	-38.9	-13.0	-25.9	
			Mid Channel (1732.5MHz)									
			3.4650	-17.3	V	3.0	40.3	1.0	-56.5	-13.0	-43.5	
			5.1975	-1.5	V	3.0	40.9	1.0	-41.4	-13.0	-28.4	
			6.9300	4.9	V	3.0	41.0	1.0	-35.1	-13.0	-22.1	
			3.4650	-17.9	H	3.0	40.3	1.0	-57.1	-13.0	-44.1	
			5.1975	-1.3	H	3.0	40.9	1.0	-41.2	-13.0	-28.2	
			6.9300	3.9	H	3.0	41.0	1.0	-36.1	-13.0	-23.1	
			High Channel (1752.5MHz)									
			3.5050	-16.0	V	3.0	40.3	1.0	-55.3	-13.0	-42.3	
		5.2575	-1.6	V	3.0	40.9	1.0	-41.5	-13.0	-28.5		
		7.0100	3.5	V	3.0	41.0	1.0	-36.6	-13.0	-23.6		
		3.5050	-16.2	H	3.0	40.3	1.0	-55.5	-13.0	-42.5		
		5.2575	-1.8	H	3.0	40.9	1.0	-41.7	-13.0	-28.7		
		7.0100	2.9	H	3.0	41.0	1.0	-37.1	-13.0	-24.1		
		Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.										
LTE Band 4 5MHz 16QAM	Company:	Samsung										
	Project #:	15K22555										
	Date:	01-12-16										
	Test Engineer:	Steven Kim										
	Configuration:	EUT / AC Adapter / Ear Phone / X-Position										
	Mode:	TX, LTE BAND 7, 5MHz BW, 16QAM										
			Chamber	Pre-amplifier	Filter	Limit						
			Chamber 2	AFS42	Filter 1	FCC Part 27						
			f GHz	SGreading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
			Low Channel (1712.5MHz)									
			3.4250	-18.6	V	3.0	40.2	1.0	-57.8	-13.0	-44.8	
			5.1375	-7.7	V	3.0	40.9	1.0	-47.6	-13.0	-34.6	
			6.5800	1.1	V	3.0	40.9	1.0	-38.8	-13.0	-25.8	
			3.4250	-17.6	H	3.0	40.2	1.0	-56.8	-13.0	-43.8	
			5.1375	-5.2	H	3.0	40.9	1.0	-45.1	-13.0	-32.1	
			6.5800	-0.9	H	3.0	40.9	1.0	-40.8	-13.0	-27.8	
			Mid Channel (1732.5MHz)									
			3.4650	-18.1	V	3.0	40.3	1.0	-57.4	-13.0	-44.4	
			5.1975	-3.7	V	3.0	40.9	1.0	-43.6	-13.0	-30.6	
			6.9300	3.3	V	3.0	41.0	1.0	-36.7	-13.0	-23.7	
			3.4650	-19.0	H	3.0	40.3	1.0	-58.2	-13.0	-45.2	
			5.1975	-3.2	H	3.0	40.9	1.0	-43.1	-13.0	-30.1	
			6.9300	2.8	H	3.0	41.0	1.0	-37.2	-13.0	-24.2	
			High Channel (1752.5MHz)									
			3.5050	-17.9	V	3.0	40.3	1.0	-57.2	-13.0	-44.2	
		5.2575	-2.2	V	3.0	40.9	1.0	-42.1	-13.0	-29.1		
		7.0100	1.2	V	3.0	41.0	1.0	-38.8	-13.0	-25.8		
		3.5050	-17.0	H	3.0	40.3	1.0	-56.3	-13.0	-43.3		
		5.2575	-3.3	H	3.0	40.9	1.0	-43.2	-13.0	-30.2		
		7.0100	1.9	H	3.0	41.0	1.0	-38.2	-13.0	-25.2		
		Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.										

		UL Korea, Ltd Suwon Laboratory Above 1GHz High Frequency Substitution Measurement									
LTE Band 4 3MHz QPSK	Company: Samsung										
	Project #: 15K22555										
	Date: 01-12-16										
	Test Engineer: Steven Kim										
	Configuration: EUT / AC Adapter / Ear Phone / X-Position										
	Mode: TX, LTE BAND 4, 3MHz BW, QPSK										
	Chamber		Pre-amplifier		Filter		Limit				
	Chamber 2		AFS42		Filter 1		FCC Part 27				
	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes	
	Low Channel (1711.5MHz)										
	3.4230	-16.6	V	3.0	40.2	1.0	-55.8	-13.0	-42.8		
	5.1345	-6.0	V	3.0	40.9	1.0	-45.9	-13.0	-32.9		
	6.8460	3.8	V	3.0	41.0	1.0	-36.2	-13.0	-23.2		
	3.4230	-16.8	H	3.0	40.2	1.0	-56.0	-13.0	-43.0		
	5.1345	-3.7	H	3.0	40.9	1.0	-43.6	-13.0	-30.6		
	6.8460	1.8	H	3.0	41.0	1.0	-38.2	-13.0	-25.2		
	Mid Channel (1732.5MHz)										
	3.4650	-17.3	V	3.0	40.3	1.0	-56.6	-13.0	-43.6		
	5.1975	-1.2	V	3.0	40.9	1.0	-41.1	-13.0	-28.1		
	6.9300	5.2	V	3.0	41.0	1.0	-34.8	-13.0	-21.8		
	3.4650	-17.4	H	3.0	40.3	1.0	-56.7	-13.0	-43.7		
	5.1975	-1.0	H	3.0	40.9	1.0	-40.9	-13.0	-27.9		
	6.9300	4.1	H	3.0	41.0	1.0	-35.9	-13.0	-22.9		
	High Channel (1753.5MHz)										
	3.5070	-16.0	V	3.0	40.3	1.0	-55.3	-13.0	-42.3		
5.2605	-1.5	V	3.0	40.9	1.0	-41.4	-13.0	-28.4			
7.0140	3.3	V	3.0	41.0	1.0	-36.8	-13.0	-23.8			
3.5070	-16.1	H	3.0	40.3	1.0	-55.4	-13.0	-42.4			
5.2605	-1.7	H	3.0	40.9	1.0	-41.6	-13.0	-28.6			
7.0140	3.1	H	3.0	41.0	1.0	-36.9	-13.0	-23.9			
Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.											
LTE Band 4 3MHz 16QAM	Company: Samsung										
	Project #: 15K22555										
	Date: 01-12-16										
	Test Engineer: Steven Kim										
	Configuration: EUT / AC Adapter / Ear Phone / X-Position										
	Mode: TX, LTE BAND 4, 3MHz BW, 16QAM										
	Chamber		Pre-amplifier		Filter		Limit				
	Chamber 2		AFS42		Filter 1		FCC Part 27				
	f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes	
	Low Channel (1711.5MHz)										
	3.4230	-18.6	V	3.0	40.2	1.0	-57.9	-13.0	-44.9		
	5.1345	-7.6	V	3.0	40.9	1.0	-47.4	-13.0	-34.4		
	6.8460	1.4	V	3.0	41.0	1.0	-38.6	-13.0	-25.6		
	3.4230	-17.6	H	3.0	40.2	1.0	-56.8	-13.0	-43.8		
	5.1345	-5.4	H	3.0	40.9	1.0	-45.3	-13.0	-32.3		
	6.8460	-0.1	H	3.0	41.0	1.0	-40.0	-13.0	-27.0		
	Mid Channel (1732.5MHz)										
	3.4650	-18.0	V	3.0	40.3	1.0	-57.2	-13.0	-44.2		
	5.1975	-2.3	V	3.0	40.9	1.0	-42.2	-13.0	-29.2		
	6.9300	3.7	V	3.0	41.0	1.0	-36.3	-13.0	-23.3		
	3.4650	-18.2	H	3.0	40.3	1.0	-57.4	-13.0	-44.4		
	5.1975	-2.3	H	3.0	40.9	1.0	-42.2	-13.0	-29.2		
	6.9300	3.1	H	3.0	41.0	1.0	-36.9	-13.0	-23.9		
	High Channel (1752.5MHz)										
	3.5070	-17.7	V	3.0	40.3	1.0	-57.0	-13.0	-44.0		
5.2605	-2.7	V	3.0	40.9	1.0	-42.6	-13.0	-29.6			
7.0140	1.3	V	3.0	41.0	1.0	-38.8	-13.0	-25.8			
3.5070	-17.0	H	3.0	40.3	1.0	-56.2	-13.0	-43.2			
5.2605	-3.7	H	3.0	40.9	1.0	-43.6	-13.0	-30.6			
7.0140	1.9	H	3.0	41.0	1.0	-38.1	-13.0	-25.1			
Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.											

		UL Korea, Ltd Suwon Laboratory Above 1GHz High Frequency Substitution Measurement										
LTE Band 4 1.4MHz QPSK	Company:	Samsung										
	Project #:	15K22555										
	Date:	01-12-16										
	Test Engineer:	Steven Kim										
	Configuration:	EUT / AC Adapter / Ear Phone / X-Position										
	Mode:	TX, LTE BAND 4, 1.4MHz BW, QPSK										
			Chamber	Pre-amplifier	Filter	Limit						
			Chamber 2	AFS42	Filter 1	FCC Part 27						
			f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
			Low Channel (1710.7MHz)									
			3.4214	-16.0	V	3.0	40.2	1.0	-55.2	-13.0	-42.2	
			5.1321	-4.7	V	3.0	40.9	1.0	-44.6	-13.0	-31.6	
			6.8428	5.9	V	3.0	41.0	1.0	-34.1	-13.0	-21.1	
			3.4214	-15.8	H	3.0	40.2	1.0	-55.0	-13.0	-42.0	
			5.1321	-2.8	H	3.0	40.9	1.0	-42.7	-13.0	-29.7	
			6.8428	2.9	H	3.0	41.0	1.0	-37.0	-13.0	-24.0	
			Mid Channel (1732.5MHz)									
			3.4650	-16.4	V	3.0	40.3	1.0	-55.7	-13.0	-42.7	
			5.1975	-0.4	V	3.0	40.9	1.0	-40.3	-13.0	-27.3	
			6.9300	5.5	V	3.0	41.0	1.0	-34.5	-13.0	-21.5	
			3.4650	-16.6	H	3.0	40.3	1.0	-55.9	-13.0	-42.9	
			5.1975	-0.6	H	3.0	40.9	1.0	-40.5	-13.0	-27.5	
			6.9300	4.5	H	3.0	41.0	1.0	-35.5	-13.0	-22.5	
			High Channel (1754.3MHz)									
			3.5086	-16.1	V	3.0	40.3	1.0	-55.4	-13.0	-42.4	
		5.2629	-0.8	V	3.0	40.9	1.0	-40.7	-13.0	-27.7		
		7.0172	4.1	V	3.0	41.0	1.0	-36.0	-13.0	-23.0		
		3.5086	-15.0	H	3.0	40.3	1.0	-54.3	-13.0	-41.3		
		5.2629	-1.1	H	3.0	40.9	1.0	-41.0	-13.0	-28.0		
		7.0172	3.9	H	3.0	41.0	1.0	-36.1	-13.0	-23.1		
		Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.										
LTE Band 4 1.4MHz 16QAM	Company:	Samsung										
	Project #:	15K22555										
	Date:	01-12-16										
	Test Engineer:	Steven Kim										
	Configuration:	EUT / AC Adapter / Ear Phone / X-Position										
	Mode:	TX, LTE BAND 4, 1.4MHz BW, 16QAM										
			Chamber	Pre-amplifier	Filter	Limit						
			Chamber 2	AFS42	Filter 1	FCC Part 27						
			f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes
			Low Channel (1710.7MHz)									
			3.4214	-17.2	V	3.0	40.2	1.0	-56.4	-13.0	-43.4	
			5.1321	-6.1	V	3.0	40.9	1.0	-46.0	-13.0	-33.0	
			6.8428	4.3	V	3.0	41.0	1.0	-35.6	-13.0	-22.6	
			3.4214	-17.5	H	3.0	40.2	1.0	-56.7	-13.0	-43.7	
			5.1321	-4.2	H	3.0	40.9	1.0	-44.1	-13.0	-31.1	
			6.8428	0.9	H	3.0	41.0	1.0	-39.1	-13.0	-26.1	
			Mid Channel (1732.5MHz)									
			3.4650	-17.7	V	3.0	40.3	1.0	-57.0	-13.0	-44.0	
			5.1975	-1.6	V	3.0	40.9	1.0	-41.5	-13.0	-28.5	
			6.9300	4.2	V	3.0	41.0	1.0	-35.8	-13.0	-22.8	
			3.4650	-18.3	H	3.0	40.3	1.0	-57.5	-13.0	-44.5	
			5.1975	-2.8	H	3.0	40.9	1.0	-42.7	-13.0	-29.7	
			6.9300	3.2	H	3.0	41.0	1.0	-36.8	-13.0	-23.8	
			High Channel (1754.3MHz)									
			3.5086	-17.6	V	3.0	40.3	1.0	-56.9	-13.0	-43.9	
		5.2629	-2.2	V	3.0	40.9	1.0	-42.1	-13.0	-29.1		
		7.0172	1.9	V	3.0	41.0	1.0	-38.2	-13.0	-25.2		
		3.5086	-16.3	H	3.0	40.3	1.0	-55.6	-13.0	-42.6		
		5.2629	-2.6	H	3.0	40.9	1.0	-42.5	-13.0	-29.5		
		7.0172	2.4	H	3.0	41.0	1.0	-37.6	-13.0	-24.6		
		Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.										

LTE Band 2

		UL Korea, Ltd Suwon Laboratory Above 1GHz High Frequency Substitution Measurement										
		Company: Samsung										
		Project #: 15K22555										
		Date: 01-11-16										
		Test Engineer: Steven Kim										
		Configuration: EUT / AC Adapter / Ear Phone / X-Position										
		Mode: TX, LTE BAND 2, 20MHz BW, QPSK										
		Chamber		Pre-amplifier		Filter		Limit				
		Chamber 2		AFS42		Filter 1		FCC Part 24				
LTE Band 2 20MHz QPSK		f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes	
	Low Channel (1860MHz)											
		3.7200	-17.2	V	3.0	40.5	1.0	-56.7	-13.0	-43.7		
		5.5800	0.5	V	3.0	40.8	1.0	-39.3	-13.0	-26.3		
		7.4400	-0.6	V	3.0	40.8	1.0	-40.4	-13.0	-27.4		
		3.7200	-16.3	H	3.0	40.5	1.0	-55.8	-13.0	-42.8		
		5.5800	-4.0	H	3.0	40.8	1.0	-43.8	-13.0	-30.8		
		7.4400	0.3	H	3.0	40.8	1.0	-39.4	-13.0	-26.4		
	Mid Channel (1880MHz)											
		3.7600	-16.9	V	3.0	40.5	1.0	-56.5	-13.0	-43.5		
		5.6400	-2.5	V	3.0	40.8	1.0	-42.3	-13.0	-29.3		
		7.5200	-7.4	V	3.0	40.7	1.0	-47.2	-13.0	-34.2		
		3.7600	-20.7	H	3.0	40.5	1.0	-60.2	-13.0	-47.2		
		5.6400	-6.8	H	3.0	40.8	1.0	-46.6	-13.0	-33.6		
		7.5200	-9.2	H	3.0	40.7	1.0	-48.9	-13.0	-35.9		
	High Channel (1900MHz)											
		3.8000	-14.1	V	3.0	40.6	1.0	-53.6	-13.0	-40.6		
		5.7000	-1.0	V	3.0	40.8	1.0	-40.8	-13.0	-27.8		
		7.6000	-4.7	V	3.0	40.7	1.0	-44.4	-13.0	-31.4		
		3.8000	-18.3	H	3.0	40.6	1.0	-57.9	-13.0	-44.9		
		5.7000	-4.9	H	3.0	40.8	1.0	-44.7	-13.0	-31.7		
		7.6000	-6.1	H	3.0	40.7	1.0	-45.7	-13.0	-32.7		
			Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.									
			UL Korea, Ltd Suwon Laboratory Above 1GHz High Frequency Substitution Measurement									
			Company: Samsung									
			Project #: 15K22555									
			Date: 01-11-16									
			Test Engineer: Steven Kim									
			Configuration: EUT / AC Adapter / Ear Phone / X-Position									
			Mode: TX, LTE BAND 2, 20MHz BW, 16QAM									
		Chamber		Pre-amplifier		Filter		Limit				
		Chamber 2		AFS42		Filter 1		FCC Part 24				
LTE Band 2 20MHz 16QAM		f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes	
	Low Channel (1860MHz)											
		3.7200	-17.9	V	3.0	40.5	1.0	-57.4	-13.0	-44.4		
		5.5800	-1.1	V	3.0	40.8	1.0	-40.9	-13.0	-27.9		
		7.4400	-1.6	V	3.0	40.8	1.0	-41.4	-13.0	-28.4		
		3.7200	-17.1	H	3.0	40.5	1.0	-56.6	-13.0	-43.6		
		5.5800	-5.6	H	3.0	40.8	1.0	-45.5	-13.0	-32.5		
		7.4400	-0.7	H	3.0	40.8	1.0	-40.5	-13.0	-27.5		
	Mid Channel (1880MHz)											
		3.7600	-17.6	V	3.0	40.5	1.0	-57.2	-13.0	-44.2		
		5.6400	-4.2	V	3.0	40.8	1.0	-44.0	-13.0	-31.0		
		7.5200	-7.9	V	3.0	40.7	1.0	-47.6	-13.0	-34.6		
		3.7600	-20.8	H	3.0	40.5	1.0	-60.3	-13.0	-47.3		
		5.6400	-8.2	H	3.0	40.8	1.0	-48.0	-13.0	-35.0		
		7.5200	-9.6	H	3.0	40.7	1.0	-49.3	-13.0	-36.3		
	High Channel (1900MHz)											
		3.8000	-14.1	V	3.0	40.6	1.0	-53.7	-13.0	-40.7		
		5.7000	-1.5	V	3.0	40.8	1.0	-41.3	-13.0	-28.3		
		7.6000	-5.5	V	3.0	40.7	1.0	-45.2	-13.0	-32.2		
		3.8000	-19.0	H	3.0	40.6	1.0	-58.6	-13.0	-45.6		
		5.7000	-6.0	H	3.0	40.8	1.0	-45.8	-13.0	-32.8		
		7.6000	-6.6	H	3.0	40.7	1.0	-46.3	-13.0	-33.3		
			Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.									

		UL Korea, Ltd Suwon Laboratory Above 1GHz High Frequency Substitution Measurement										
LTE	Band 2	Company: Samsung										
		Project #: 15K22555										
15MHz	QPSK	Date: 01-11-16										
		Test Engineer: Steven Kim										
		Configuration: EUT / AC Adapter / Ear Phone / X-Position										
		Mode: TX, LTE BAND 2, 15MHz BW, QPSK										
		Chamber		Pre-amplifier		Filter		Limit				
		Chamber 2		AFS42		Filter 1		FCC Part 24				
f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes			
Low Channel (1857.5MHz)												
3.7150	-17.4	V	3.0	40.5	1.0	-56.9	-13.0	-43.9				
5.5725	2.5	V	3.0	40.8	1.0	-37.4	-13.0	-24.4				
7.4300	-0.5	V	3.0	40.8	1.0	-40.2	-13.0	-27.2				
3.7150	-14.9	H	3.0	40.5	1.0	-54.4	-13.0	-41.4				
5.5725	0.2	H	3.0	40.8	1.0	-39.6	-13.0	-26.6				
7.4300	-1.7	H	3.0	40.8	1.0	-41.5	-13.0	-28.5				
Mid Channel (1880MHz)												
3.7600	-17.8	V	3.0	40.5	1.0	-57.3	-13.0	-44.3				
5.6400	1.0	V	3.0	40.8	1.0	-38.8	-13.0	-25.8				
7.5200	-8.3	V	3.0	40.7	1.0	-48.0	-13.0	-35.0				
3.7600	-19.0	H	3.0	40.5	1.0	-58.6	-13.0	-45.6				
5.6400	0.4	H	3.0	40.8	1.0	-39.4	-13.0	-26.4				
7.5200	-6.4	H	3.0	40.7	1.0	-46.1	-13.0	-33.1				
High Channel (1902.5MHz)												
3.8050	-15.6	V	3.0	40.6	1.0	-55.2	-13.0	-42.2				
5.7075	0.6	V	3.0	40.8	1.0	-39.2	-13.0	-26.2				
7.6100	-7.6	V	3.0	40.7	1.0	-47.2	-13.0	-34.2				
3.8050	-14.8	H	3.0	40.6	1.0	-54.4	-13.0	-41.4				
5.7075	0.7	H	3.0	40.8	1.0	-39.1	-13.0	-26.1				
7.6100	-5.7	H	3.0	40.7	1.0	-45.3	-13.0	-32.3				
Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.												
		UL Korea, Ltd Suwon Laboratory Above 1GHz High Frequency Substitution Measurement										
		Company: Samsung										
		Project #: 15K22555										
		Date: 01-11-16										
		Test Engineer: Steven Kim										
		Configuration: EUT / AC Adapter / Ear Phone / X-Position										
		Mode: TX, LTE BAND 2, 15MHz BW, 16QAM										
		Chamber		Pre-amplifier		Filter		Limit				
		Chamber 2		AFS42		Filter 1		FCC Part 24				
f GHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes			
Low Channel (1857.5MHz)												
3.7150	-18.4	V	3.0	40.5	1.0	-57.9	-13.0	-44.9				
5.5725	0.8	V	3.0	40.8	1.0	-39.0	-13.0	-26.0				
7.4300	-1.8	V	3.0	40.8	1.0	-41.6	-13.0	-28.6				
3.7150	-15.5	H	3.0	40.5	1.0	-55.0	-13.0	-42.0				
5.5725	-2.2	H	3.0	40.8	1.0	-42.1	-13.0	-29.1				
7.4300	-2.7	H	3.0	40.8	1.0	-42.4	-13.0	-29.4				
Mid Channel (1880MHz)												
3.7600	-18.1	V	3.0	40.5	1.0	-57.7	-13.0	-44.7				
5.6400	0.1	V	3.0	40.8	1.0	-39.7	-13.0	-26.7				
7.5200	-9.2	V	3.0	40.7	1.0	-48.9	-13.0	-35.9				
3.7600	-19.5	H	3.0	40.5	1.0	-59.0	-13.0	-46.0				
5.6400	-0.5	H	3.0	40.8	1.0	-40.3	-13.0	-27.3				
7.5200	-7.0	H	3.0	40.7	1.0	-46.7	-13.0	-33.7				
High Channel (1902.5MHz)												
3.8050	-16.5	V	3.0	40.6	1.0	-56.1	-13.0	-43.1				
5.7075	-1.0	V	3.0	40.8	1.0	-40.8	-13.0	-27.8				
7.6100	-8.5	V	3.0	40.7	1.0	-48.2	-13.0	-35.2				
3.8050	-15.2	H	3.0	40.6	1.0	-54.8	-13.0	-41.8				
5.7075	-0.1	H	3.0	40.8	1.0	-39.9	-13.0	-26.9				
7.6100	-6.4	H	3.0	40.7	1.0	-46.0	-13.0	-33.0				
Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.												

		UL Korea, Ltd Suwon Laboratory Above 1GHz High Frequency Substitution Measurement									
		Company: Samsung									
		Project #: 15K22555									
		Date: 01-11-16									
		Test Engineer: Steven Kim									
		Configuration: EUT / AC Adapter / Ear Phone / X-Position									
		Mode: TX, LTE BAND 2, 10MHz BW, QPSK									
		<div style="border: 1px solid black; padding: 2px; display: inline-block;">Chamber</div> Chamber 2		<div style="border: 1px solid black; padding: 2px; display: inline-block;">Pre-amplifier</div> AFS42		<div style="border: 1px solid black; padding: 2px; display: inline-block;">Filter</div> Filter 1		<div style="border: 1px solid black; padding: 2px; display: inline-block;">Limit</div> FCC Part 24			
f GHz	SGreading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes		
Low Channel (1855MHz)											
3.7100	-17.7	V	3.0	40.5	1.0	-57.2	-13.0	-44.2			
5.5650	2.5	V	3.0	40.8	1.0	-37.3	-13.0	-24.3			
7.4200	-0.2	V	3.0	40.8	1.0	-39.9	-13.0	-26.9			
3.7100	-16.6	H	3.0	40.5	1.0	-56.1	-13.0	-43.1			
5.5650	1.5	H	3.0	40.8	1.0	-38.3	-13.0	-25.3			
7.4200	-1.1	H	3.0	40.8	1.0	-40.9	-13.0	-27.9			
Mid Channel (1880MHz)											
3.7600	-16.3	V	3.0	40.5	1.0	-55.8	-13.0	-42.8			
5.6400	0.4	V	3.0	40.8	1.0	-39.4	-13.0	-26.4			
7.5200	-7.8	V	3.0	40.7	1.0	-47.6	-13.0	-34.6			
3.7600	-16.8	H	3.0	40.5	1.0	-56.3	-13.0	-43.3			
5.6400	-3.7	H	3.0	40.8	1.0	-43.5	-13.0	-30.5			
7.5200	-7.6	H	3.0	40.7	1.0	-47.3	-13.0	-34.3			
High Channel (1905MHz)											
3.8100	-15.1	V	3.0	40.6	1.0	-54.7	-13.0	-41.7			
5.7150	2.2	V	3.0	40.8	1.0	-37.6	-13.0	-24.6			
7.6200	-9.9	V	3.0	40.7	1.0	-49.5	-13.0	-36.5			
3.8100	-16.5	H	3.0	40.6	1.0	-56.1	-13.0	-43.1			
5.7150	0.0	H	3.0	40.8	1.0	-39.8	-13.0	-26.8			
7.6200	-7.2	H	3.0	40.7	1.0	-46.8	-13.0	-33.8			
Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.											
		UL Korea, Ltd Suwon Laboratory Above 1GHz High Frequency Substitution Measurement									
		Company: Samsung									
		Project #: 15K22555									
		Date: 01-11-16									
		Test Engineer: Steven Kim									
		Configuration: EUT / AC Adapter / Ear Phone / X-Position									
		Mode: TX, LTE BAND 2, 10MHz BW, 16QAM									
		<div style="border: 1px solid black; padding: 2px; display: inline-block;">Chamber</div> Chamber 2		<div style="border: 1px solid black; padding: 2px; display: inline-block;">Pre-amplifier</div> AFS42		<div style="border: 1px solid black; padding: 2px; display: inline-block;">Filter</div> Filter 1		<div style="border: 1px solid black; padding: 2px; display: inline-block;">Limit</div> FCC Part 24			
f GHz	SGreading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	ERP (dBm)	Limit (dBm)	Delta (dB)	Notes		
Low Channel (1855MHz)											
3.7100	-18.6	V	3.0	40.5	1.0	-58.1	-13.0	-45.1			
5.5650	-0.1	V	3.0	40.8	1.0	-39.9	-13.0	-26.9			
7.4200	-1.4	V	3.0	40.8	1.0	-41.2	-13.0	-28.2			
3.7100	-17.1	H	3.0	40.5	1.0	-56.6	-13.0	-43.6			
5.5650	0.2	H	3.0	40.8	1.0	-39.6	-13.0	-26.6			
7.4200	-1.9	H	3.0	40.8	1.0	-41.7	-13.0	-28.7			
Mid Channel (1880MHz)											
3.7600	-16.7	V	3.0	40.5	1.0	-56.3	-13.0	-43.3			
5.6400	-1.2	V	3.0	40.8	1.0	-41.0	-13.0	-28.0			
7.5200	-8.8	V	3.0	40.7	1.0	-48.5	-13.0	-35.5			
3.7600	-17.8	H	3.0	40.5	1.0	-57.4	-13.0	-44.4			
5.6400	-5.5	H	3.0	40.8	1.0	-45.3	-13.0	-32.3			
7.5200	-8.5	H	3.0	40.7	1.0	-48.2	-13.0	-35.2			
High Channel (1905MHz)											
3.8100	-16.3	V	3.0	40.6	1.0	-55.9	-13.0	-42.9			
5.7150	0.2	V	3.0	40.8	1.0	-39.6	-13.0	-26.6			
7.6200	-11.3	V	3.0	40.7	1.0	-51.0	-13.0	-38.0			
3.8100	-18.1	H	3.0	40.6	1.0	-57.7	-13.0	-44.7			
5.7150	-2.6	H	3.0	40.8	1.0	-42.4	-13.0	-29.4			
7.6200	-8.4	H	3.0	40.7	1.0	-48.1	-13.0	-35.1			
Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.											

		UL Korea, Ltd Suwon Laboratory Above 1GHz High Frequency Substitution Measurement									
LTE Band 2 5MHz QPSK	Company: Samsung										
	Project #: 15K22555										
	Date: 12-26-15										
	Test Engineer: Steven Kim										
	Configuration: EUT / AC Adapter / Ear Phone / X-Position										
	Mode: TX LTE BAND 2, 5MHz BW, QPSK										
	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">Chamber</div> <div style="border: 1px solid black; padding: 2px;">Pre-amplifier</div> <div style="border: 1px solid black; padding: 2px;">Filter</div> <div style="border: 1px solid black; padding: 2px;">Limit</div> </div>										
	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">Chamber 2</div> <div style="border: 1px solid black; padding: 2px;">AFS42</div> <div style="border: 1px solid black; padding: 2px;">Filter 1</div> <div style="border: 1px solid black; padding: 2px;">FCC Part 24</div> </div>										
		f	SGreading	Ant. Pol.	Distance	Preamp	Filter	ERP	Limit	Delta	Notes
		GHz	(dBm)	(H/V)	(m)	(dB)	(dB)	(dBm)	(dBm)	(dB)	
		Low Channel (1852.5MHz)									
		3.7050	-15.0	V	3.0	40.5	1.0	-54.5	-13.0	-41.5	
		5.5575	0.4	V	3.0	40.8	1.0	-39.4	-13.0	-26.4	
		7.4100	-2.1	V	3.0	40.8	1.0	-41.8	-13.0	-28.8	
		3.7050	-14.5	H	3.0	40.5	1.0	-54.0	-13.0	-41.0	
		5.5575	-1.2	H	3.0	40.8	1.0	-41.0	-13.0	-28.0	
		7.4100	-1.3	H	3.0	40.8	1.0	-41.1	-13.0	-28.1	
		Mid Channel (1880MHz)									
		3.7600	-14.6	V	3.0	40.5	1.0	-54.1	-13.0	-41.1	
		5.6400	-1.9	V	3.0	40.8	1.0	-41.7	-13.0	-28.7	
		7.5200	-9.1	V	3.0	40.7	1.0	-48.9	-13.0	-35.9	
		3.7600	-14.5	H	3.0	40.5	1.0	-54.1	-13.0	-41.1	
		5.6400	-3.3	H	3.0	40.8	1.0	-43.1	-13.0	-30.1	
		7.5200	-8.7	H	3.0	40.7	1.0	-48.4	-13.0	-35.4	
		High Channel (1907.5MHz)									
	3.8150	-11.0	V	3.0	40.6	1.0	-50.6	-13.0	-37.6		
	5.7225	0.2	V	3.0	40.8	1.0	-39.6	-13.0	-26.6		
	7.6300	-7.3	V	3.0	40.7	1.0	-47.0	-13.0	-34.0		
	3.8150	-10.2	H	3.0	40.6	1.0	-49.8	-13.0	-36.8		
	5.7225	-1.4	H	3.0	40.8	1.0	-41.2	-13.0	-28.2		
	7.6300	-9.2	H	3.0	40.7	1.0	-48.9	-13.0	-35.9		
	Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.										
LTE Band 2 5MHz 16QAM	Company: Samsung										
	Project #: 15K22555										
	Date: 12-26-15										
	Test Engineer: Steven Kim										
	Configuration: EUT / AC Adapter / Ear Phone / X-Position										
	Mode: TX LTE BAND 2, 5MHz BW, 16QAM										
	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">Chamber</div> <div style="border: 1px solid black; padding: 2px;">Pre-amplifier</div> <div style="border: 1px solid black; padding: 2px;">Filter</div> <div style="border: 1px solid black; padding: 2px;">Limit</div> </div>										
	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">Chamber 2</div> <div style="border: 1px solid black; padding: 2px;">AFS42</div> <div style="border: 1px solid black; padding: 2px;">Filter 1</div> <div style="border: 1px solid black; padding: 2px;">FCC Part 24</div> </div>										
		f	SGreading	Ant. Pol.	Distance	Preamp	Filter	ERP	Limit	Delta	Notes
		GHz	(dBm)	(H/V)	(m)	(dB)	(dB)	(dBm)	(dBm)	(dB)	
		Low Channel (1852.5MHz)									
		3.7050	-16.5	V	3.0	40.5	1.0	-56.0	-13.0	-43.0	
		5.5575	-1.2	V	3.0	40.8	1.0	-41.0	-13.0	-28.0	
		7.4100	-3.7	V	3.0	40.8	1.0	-43.5	-13.0	-30.5	
		3.7050	-15.8	H	3.0	40.5	1.0	-55.3	-13.0	-42.3	
		5.5575	-2.6	H	3.0	40.8	1.0	-42.5	-13.0	-29.5	
		7.4100	-2.8	H	3.0	40.8	1.0	-42.6	-13.0	-29.6	
		Mid Channel (1880MHz)									
		3.7600	-15.7	V	3.0	40.5	1.0	-55.2	-13.0	-42.2	
		5.6400	-4.7	V	3.0	40.8	1.0	-44.5	-13.0	-31.5	
		7.5200	-9.7	V	3.0	40.7	1.0	-49.4	-13.0	-36.4	
		3.7600	-16.7	H	3.0	40.5	1.0	-56.2	-13.0	-43.2	
		5.6400	-6.1	H	3.0	40.8	1.0	-45.9	-13.0	-32.9	
		7.5200	-9.4	H	3.0	40.7	1.0	-49.1	-13.0	-36.1	
		High Channel (1907.5MHz)									
	3.8150	-13.3	V	3.0	40.6	1.0	-52.9	-13.0	-39.9		
	5.7225	-1.7	V	3.0	40.8	1.0	-41.5	-13.0	-28.5		
	7.6300	-8.0	V	3.0	40.7	1.0	-47.6	-13.0	-34.6		
	3.8150	-12.1	H	3.0	40.6	1.0	-51.7	-13.0	-38.7		
	5.7225	-3.7	H	3.0	40.8	1.0	-43.5	-13.0	-30.5		
	7.6300	-9.7	H	3.0	40.7	1.0	-49.4	-13.0	-36.4		
	Rev. 03.03.09 Note: No other emissions were detected above the system noise floor.										