

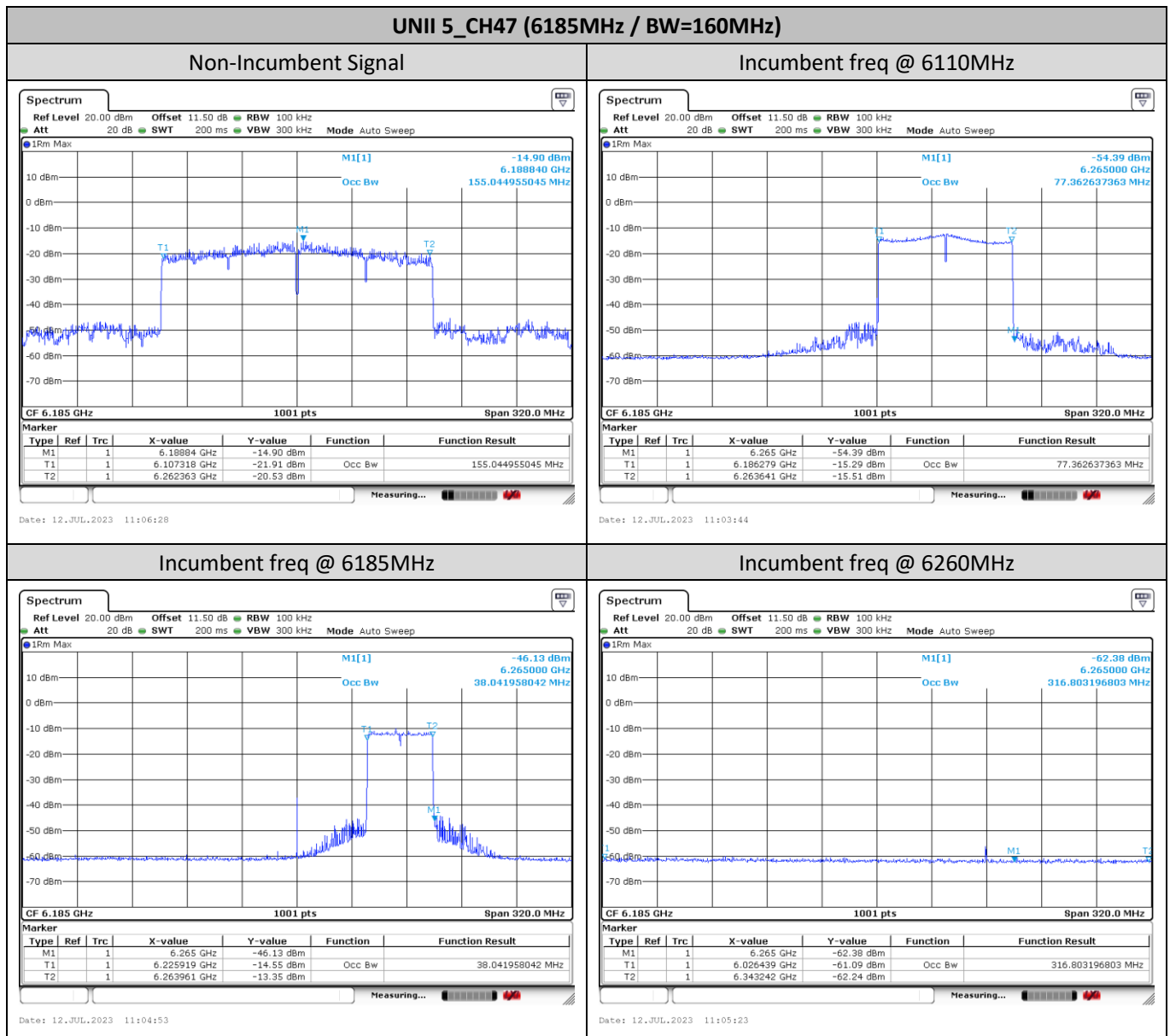


Part 15.407 CBP Supplement Document

APPLICANT : Xiaomi Communications Co., Ltd.
EQUIPMENT : Mobile Phone
BRAND NAME : Xiaomi
MODEL NAME : 23078PND5G
FCC ID : 2AFZZND5G

CBP Verify transmission absence when Incumbent signal at different frequency (frequency domain plots).

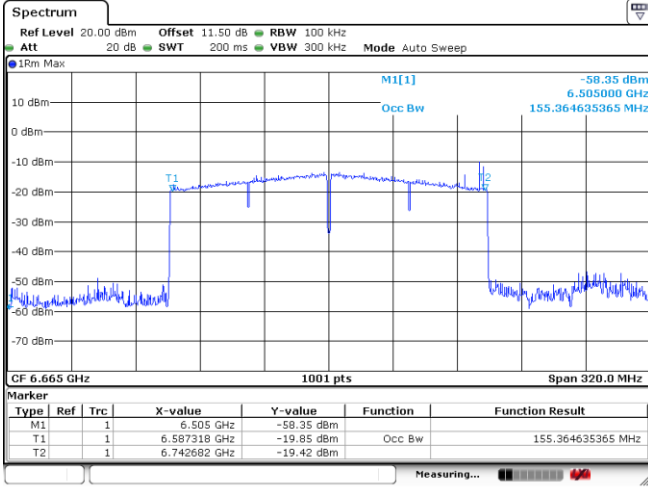
1. When Incumbent Signal inject at lowest frequency, the lower 80MHz bandwidth stop transmission, the higher 80MHz retain transmission;
2. When Incumbent Signal inject at middle frequency, the lower 80MHz bandwidth & higher 40MHz bandwidth stop transmission, the highest 40MHz retain transmission;
3. When Incumbent Signal inject at highest frequency, the whole 160MHz bandwidth stop transmission;



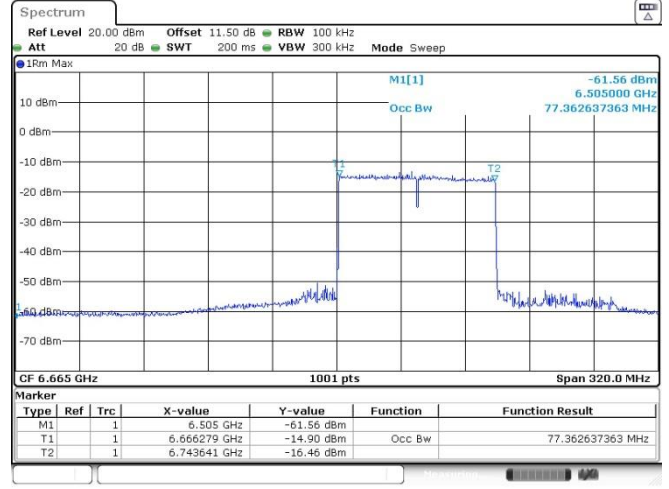


UNII 7_CH143 (6665MHz / BW=160MHz)

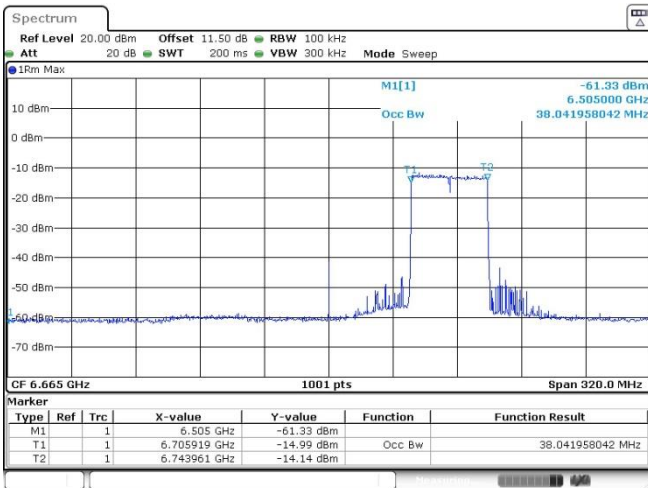
Non-Incumbent Signal



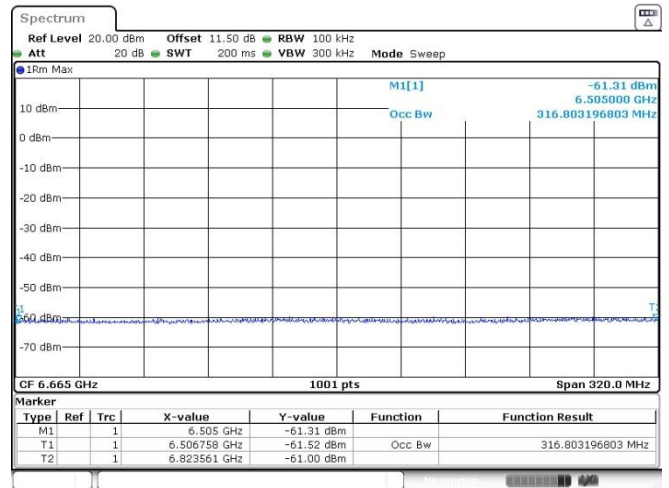
Incumbent freq @ 6590MHz



Incumbent freq @ 6665MHz



Incumbent freq @ 6740 MHz





List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Signal Analyzer	R&S	FSV7	101473	10Hz~7GHz	Dec. 27, 2022	Jul. 11, 2023~ Jul. 12, 2023	Dec. 26, 2023	Conducted (DFS01-SZ)
MXG-B RF Vector Signal Generator	Keysight	5182B /5182BX07	MY56200417 /MY59360210	9kHz~7.2GHz	May 16, 2023	Jul. 11, 2023~ Jul. 12, 2023	May 15, 2024	Conducted (DFS01-SZ)
Combiner	MTJ Cooperation	MTJ7112	N/A	0.4-8GHz	Sep. 04, 2022	Jul. 11, 2023~ Jul. 12, 2023	Sep. 03, 2023	Conducted (DFS01-SZ)

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